

This document includes Section 15.0 – References, of the Draft EPA Report "Surface Vessel Bilgewater/Oil Water Separator Characterization Analysis Report" published in August 2003. The reference number is: EPA-842-D-06-017

DRAFT Characterization Analysis Report Surface Vessel Bilgewater/Oil Water Separator

Section 15.0 – References

August 2003

15.0 REFERENCES

40 CFR 1700.4 [1999]

- Baker, A. D. 1999. The Naval Institute Guide to Combat Fleets of the World Their Ships, Aircraft, and Systems. Naval Institute Press. Annapolis, MD.
- EPA and DoD. 1999. Phase I Uniform National Discharge Standards for Vessels of the Armed Forces: Technical Development Document. US Environmental Protection Agency, Office of Water, Washington, DC. EPA 821-R-99-001.
- Gensure, J.R. LT. 1995. Pearl Harbor Naval Base's Donut-free Bilge and Oily Wastewater Disposal Program. Naval Engineer's Journal. Vol 107 (6). November 1995.
- Kranacs, J. 1998. Memorandum to Gregory Stapleton, US Environmental Protection Agency, Washington, DC, from Jeanette Kranacs, US Environmental Protection Agency, Washington, DC. Re: Distributional Analysis for UNDS Phase I Analytical Data. 23 June 1998.
- Meade, K. 2001a. Shipcheck Sketches on the USS BRISCOE (DD 977), 6 March 2001. Report to: US Navy NAVSEA 05L, Washington, DC. Prepared by M. Rosenblatt and Son, Arlington, VA. 6 March 2001.
- ———. 2001b. Shipcheck aboard USS Whidbey Island, LSD 41, 6 March 2001. Report to: US Navy NAVSEA 05L, Washington, DC. Prepared by M. Rosenblatt and Son, Arlington, VA. 6 March 2001.
- Navy and EPA. 2000a. Environmental Effects Analysis Guidance for Phase II of the Uniform National Discharge Standards for Vessels of the Armed Forces. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. September 2000.
- Navy and EPA. 2000b. Marine Pollution Control Device Screen Criteria Guidance. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. October 2000.
- Navy and EPA. 2001a. Vessel Grouping and Representative Vessel Class Selection for Surface Vessel Bilgewater/OWS Discharge. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. July 2001.
- Navy and EPA. 2001b. Technical Approach for Pierside Modeling to Support UNDS EEA Phase II. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. July 2001.

15-1 References

- Navy and EPA. 2001c. Surface Vessel Bilgewater MPCD Screen-Control Device, MPCD Option Group: Collection, Holding, and Transfer. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. January 2001.
- Navy and EPA. 2001d. Aqueous Film Forming Foam, Submarine Bilgewater, and Surface Vessel Bilgewater MPCD Screen-Control Device, MPCD Option Group: *In Situ* Biological Treatment. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. February 2001.
- Navy and EPA. 2001e. Submarine Bilgewater and Surface Vessel Bilgewater MPCD Screen-Control Device, MPCD Option Group: *Oil Absorbing Socks (OAS)*. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. 23 January 2001.
- Navy and EPA. 2001f. Submarine Bilgewater and Surface Vessel Bilgewater MPCD Screen-Control Device, MPCD Option Group: Filter Media. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. May 2001.
- Navy and EPA. 2002a. Qualification of Primary Treatment Estimates in Evaluation of Shipboard Oily Waste Treatment Alternative (Summary of Kuhn et. al.). US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. 13 May 2002.
- Navy and EPA. 2002b. Feasibility Impact Analysis Report, Surface Vessel Bilgewater/OWS Discharge. US Environmental Protection Agency, Office of Water, Washington, DC, and US Navy, Naval Sea Systems Command, Washington, DC. March 2002.
- Navy and EPA. 2003. High Resolution Gas Chromatography-Mass Spectrometry Analysis of Bilgewater Extract Samples for Pesticides. Report to: US Navy, Naval Sea Systems command (Code 05M4), Washington, DC, and US Environmental Protection Agency, Office of Water, Washington, DC. Prepared by: Dr. Thomas G. Hartman, Center for Advanced Food Technology, Cook College, Rutgers University, New Brunswick, NJ.
- Navy. 1986 DDG 51 Class Waste & Oily Waste Water Piping System Diagram, 534-6218497. Discharge location shown on Sheet 4A, Oily Waste Transfer System, Plan - 2nd Platform, Frame 70-410.
- Navy. 1987. DDG 74 Compartment, Access & Deck Plan Inboard Profile, 101-6598224, Sheet 2A.
- Navy. 1991. DWG 593-6645200, rev B. 18 April 1991.

- Navy. 1995. Correspondence from Commander, Naval Facilities Engineering Command, NAVFAC Criteria Office. Ship Oily Waste Generation Rate Criteria. 11410-04C/rdc. 11 July 1995.
- Navy. 1996. In-Port Oily Wastewater Generation on USS ARLEIGH BURKE (DDG 51). Naval Surface Warfare Center, Carderock Division. NSWCCD-TR-63-96/37.
- Navy. 1997a. Navy Surface Ships Waste Management Disposal Costs: Fiscal Year 1995. Naval Sea System Command, Surface Ship Waste Management Program. Report Prepared by Designers & Planners Inc.
- Navy. 1997b. Bilgewater Characterization and Generation Surveys Aboard DD-963 Class Ships. April 1981. David Taylor Naval Ship Research and Development Center. Report # DTNSRDC/ME-81/09.
- Navy. 1998. Sampling Episode Report Volume II. US Navy, Naval Sea Systems Command, Washington, DC. March 1998.
- Navy. 1999a. UNDS Phase II Data/Information Collection and Sampling Needs Analyses. Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. June 1999. CDNSWC-TM-63-99/91.
- Navy. 1999b. Lubricating Oil, Greases, Specialty Lubricants, and Lubricating Systems. Naval Ships' Technical Manual Chapter 262. Third Revision. US Navy, Naval Sea System Command. S9086-H7-STM-010/CH-262 Rev. 3. 15 November 1999.
- Navy. 2000a. Uniform National Discharge Standards Surface Vessel Bilgewater/ Oil-Water Separator (OWS) Discharge Sampling Episode Report -USS BONHOMME RICHARD (LHD 6). Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. 4 October 2000. NSWCCD-TM-63-99/241.
- Navy. 2000b. Uniform National Discharge Standards Surface Vessel Bilgewater/OWS Discharge Gas Turbine Water Wash, Reverse Osmosis Brine, and Seawater Cooling Overboard Discharge Sampling Episode Report USS MAHAN (DDG 72). Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. 13 October 2000. NSWCCD-TM-63-99/235.
- Navy. 2000c. Uniform National Discharge Standards Surface Vessel Bilgewater/Oil-Water Separator (OWS) Discharge Sampling Episode Report –USS CARNEY(DDG 64). Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. 25 August 2000. NSWCCD-TR-63-99/185.
- Navy. 2000d. Uniform National Discharge Standards Surface Vessel Bilgewater/Oil-Water Separator (OWS) Discharge Sampling Episode Report –USS DAVID R. RAY (DD 971). Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. 10 October 2000. NSWCCD-TM-63-99/233.

15-3 References

- Navy. 2000e. Uniform National Discharge Standards Surface Vessel Bilgewater/Oil Water Separator (OWS) Discharge Sampling Episode Report USCGC MORGENTHAU (WHEC 722). Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. 25 August 2000. NSWCCD-TM-63-99/237.
- Navy. 2000f. Uniform National Discharge Standards Surface Vessel Bilgewater/OWS Discharge Sampling Episode Report USS OAK HILL (LSD 51). Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. 12 October 2000. NSWCCD-TM-63-99/236.
- Navy. 2001a. Naval Vessel Register web site. US Navy, NAVSEA Shipbuilding Support Office. www.nvr.navy.mil/nvrships/details.htm. Accessed 01 June 2001.
- Navy. 2001b. CVN 68 RCOH Shipcheck/Configuration Drawing.
- Navy. 2001c. Performance Evaluation of the Sorbent Polisher onboard DDG-51 Class Ships. Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. October 2001. NSWCCD-63-TM-2001/140.
- Navy. 2001d. Uniform National Discharge Standards Surface Vessel Bilgewater/Oil-Water Separator (OWS) Discharge Sampling Episode Report –USS CARNEY(DDG 64). Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. 20 April 2001. NSWCCD-TR-63-00/261.
- Navy. 2001e. Uniform National Discharge Standards Surface Vessel Bilgewater/OWS Discharge Gas Turbine Water Wash, Reverse Osmosis Brine, and Seawater Cooling Overboard Discharge Sampling Episode Report USS RUSHMORE (LSD 47). Naval Surface Warfare Center, Carderock Division, Philadelphia, PA. 8 June 2001. NSWCCD-TR-63-00/264.
- Price, M. 1999. Evaluation of the 10 GPM, Oily Waste Polisher (Prototypes 1,2& 3) Aboard USS CARNEY (DDG 64). Naval Surface Warfare Center, Carderock Division, West Bethesda, MD. August 1999. CDVSWC-TR-63-99/16.
- Putnam, D.R., and H. Singerman. 2001. Treatment Capability and Shipboard Feasibility of Oily Waste Treatment Alternatives. Native American Consultants, Inc. Annapolis, MD. 5 April 2001.
- Rose-Pehrsson, et al. 1997. Enhancement in the Detection of Hydrocarbons in the Effluent of OWS and Membrane Polishers. Presentation at NSWCCD. 2 April 1997.
- Smith, B. 2001. Telephone call to Smith, B., NAVSEA05L, Washington, DC, and Marcantonio, R. M. Rosenblatt and Son, Arlington, VA. 13 August 2001.

- Tompkins, K.T. and B.L. Owsenek. 1996. Laboratory Testing of Ultrafiltration Membrane Oily Waste Polishing Systems: Bilgewater Contaminant Testing. Naval Surface Warfare Center, Carderock Division, Bethesda, MD. November, 1996. NSWCCD-TR-63-96/22.
- Volpe, R., Lt. 2000. E-mail to Brian Virnelson, Booz Allen Hamilton, from Lt R. Volpe, US Coast Guard. RE: UTB 41 Class Operational Profile Data. 6 September 2000.
- USCG. 1987. DWG. 378 FRAM-W-529-001 Rev D. Diagram Modifications to Main and Secondary Drainage. 29 March 1987.
- USCG. 1989. DWG 110 WPB 529-001.
- USCG. 2002. US Coast Guard Aircraft and Cutters web site. www.uscg.mil/datasheet.htm. Accessed 28 August 2002.

15-5 References